

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	differential.clm. and cryptanalysis. clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 19:00
S1	612	380/28.ccls.	USPAT	OR	ON	2004/01/22 13:33
S2	258	cryptanalysis	USPAT	OR	ON	2004/01/22 14:15
S3	1	cryptanalysis and high with order with differential	USPAT	OR	ON	2004/01/22 13:34
S4	87	cryptanalysis and differential	USPAT	OR	ON	2004/01/22 13:34
S5	19	cryptanalysis and differential and interpolation	USPAT	OR	ON	2004/01/22 13:35
S6	0	cryptanalysis and prov\$3 with resistance	USPAT; EPO; JPO	OR	ON	2004/01/22 13:37
S7	54	cryptanalysis and resistance	USPAT; EPO; JPO	OR	ON	2004/01/22 13:37
S8	21	cryptanalysis same resistance	USPAT; EPO; JPO	OR	ON	2004/01/22 13:42
S9	558	lee-c\$.in.	JPO	OR	ON	2004/01/22 13:42
S10	131	lee-chang\$.in.	JPO	OR	ON	2004/01/22 13:46
S11	0	lee-chang\$.in. and (block with cipher).ti.	JPO	OR	ON	2004/01/22 13:43
S12	3	("5003597"   "5623548"   "5838794").PN.	USPAT	OR	OFF	2004/01/22 13:44
S13	0	test\$3 with (cipher or encrypt\$3) with (resistance or strenght)	USPAT; EPO; JPO	OR	ON	2004/01/22 13:45
S14	3	prov\$7 with (cipher or encrypt\$3) with (resistance or strenght)	USPAT; EPO; JPO	OR	ON	2004/01/22 13:45
S15	0	"6314186".URPN.	USPAT	OR	OFF	2004/01/22 13:46
S16	12	lee-chang\$.in. and korea	JPO	OR	ON	2004/01/22 13:47
S17	20	lee-chang\$.in. and "1997".ay.	JPO	OR	ON	2004/01/22 13:48
S18	0	lee-chang\$.in. and "1997".ay.	DERWENT	OR	ON	2004/01/22 13:49
S19	0	lee-chang\$.in.	DERWENT	OR	ON	2004/01/22 13:49
S20	10051	lee-c\$.in.	DERWENT	OR	ON	2004/01/22 13:49
S21	2	lee-c\$.in. and block with cipher	DERWENT	OR	ON	2004/01/22 13:50
S22	2	samsung.as. and block with cipher	DERWENT	OR	ON	2004/01/22 13:50
S23	276	cryptanalysis and ad<"19980602"	USPAT; EPO; JPO	OR	ON	2004/01/22 14:50
S24	187	cryptanalysis and @ad<"19980602"	USPAT; EPO; JPO	OR	ON	2004/01/22 14:16

## EAST Search History

S25	79	cryptanalysis with differential	USPAT; EPO; JPO	OR	ON	2004/01/22 15:02
S26	1	provable with resistance with cryptanalysis	USPAT; EPO; JPO	OR	ON	2004/01/22 15:02
S27	2	provable with resistance	USPAT; EPO; JPO	OR	ON	2004/01/22 15:02
S28	5984	SNAKE	USPAT; EPO; JPO	OR	ON	2004/01/22 15:02
S29	1	SNAKE and cryptanalysis	USPAT; EPO; JPO	OR	ON	2004/01/22 15:03
S30	94	SNAKE and crypt\$8	USPAT; EPO; JPO	OR	ON	2004/01/22 15:03
S31	92	380/28.ccls. and cryptanalysis	USPAT; EPO; JPO	OR	ON	2004/01/22 15:05
S32	31	partition\$3 and cryptanalysis	USPAT; EPO; JPO	OR	ON	2004/01/22 15:09
S33	0	"1001569".URPN.	USPAT	OR	OFF	2004/01/22 15:08
S34	21	cryptanalysis and galois with field	USPAT; EPO; JPO	OR	ON	2004/01/22 15:09
S35	8	"5825886".URPN.	USPAT	OR	OFF	2004/01/22 15:15
S36	3	("5003597"   "5623548"   "5838794").PN.	USPAT	OR	OFF	2004/01/22 15:17
S37	6	("5003597"   "5317639"   "5351299"   "5511123"   "5778074"   "5796837").PN.	USPAT	OR	OFF	2004/01/22 15:17
S38	6	("4319079"   "4776011"   "5231662"   "5317638"   "5442705"   "5511123").PN.	USPAT	OR	OFF	2004/01/22 15:19
S39	7	"5745577".URPN.	USPAT	OR	OFF	2004/01/22 15:20
S40	1	"5511123".pn.	USPAT	OR	OFF	2004/01/22 17:25
S41	1409	(attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4)	USPAT	OR	ON	2004/01/22 17:26
S42	146	(attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) and cryptanalysis	USPAT	OR	ON	2004/01/22 17:26
S43	48	(attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) and cryptanalysis and differential and linear	USPAT	OR	ON	2004/01/22 17:26
S44	15	(attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) and cryptanalysis and differential and linear and @ad<"19980602"	USPAT	OR	ON	2004/01/22 17:30

## EAST Search History

S45	19690	(attack\$3 or test\$3 or break\$3 or crack\$3) with (differential or linear) and @ad<"19980602"	USPAT	OR	ON	2004/01/22 17:31
S46	66	(attack\$3 or test\$3 or break\$3 or crack\$3) with (differential or linear) and @ad<"19980602" and "380"/\$.ccls.	USPAT	OR	ON	2004/01/22 17:42
S47	1	"6108419".URPN.	USPAT	OR	OFF	2004/01/22 17:33
S48	0	Tsunoo.in.	JPO	OR	ON	2004/01/22 17:42
S49	0	tsunoo.in.	JPO	OR	ON	2004/01/22 17:42
S50	1357	yukiyasu.in.	JPO	OR	ON	2004/01/22 17:42
S51	41	yukiyasu.in. and NEC.as.	JPO	OR	ON	2004/01/22 17:43
S52	12	("5307807"   "5430833"   "5465258"   "5544255"   "5647017"   "5715164"   "5806059"   "5838795"   "5893069"   "5903730"   "6088676"   "6108419").PN.	USPAT	OR	OFF	2004/01/22 17:50
S53	0	"6504929".pn. and differential	USPAT	OR	OFF	2004/01/22 17:51
S54	1	"6504929".pn. and linear	USPAT	OR	OFF	2004/01/22 17:51
S55	0	"6504929".pn. and cryptanalysis	USPAT	OR	OFF	2004/01/22 17:51
S56	7	cryptanalysis with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 17:47
S57	2	"5796837".URPN.	USPAT	OR	OFF	2004/07/21 16:21
S58	24	"5511123".URPN.	USPAT	OR	OFF	2004/07/21 16:22
S59	6	"5623548".URPN.	USPAT	OR	OFF	2004/07/21 16:25
S60	22	(test\$3 or prov\$3) with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 18:00
S61	2	immunity with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 17:47
S62	20	resistance with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 16:39
S63	24	resistan\$4 with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 16:40
S64	7	cryptanalys\$ with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 18:03
S65	0	"differential-linear cryptanalysis"	USPAT	OR	ON	2004/07/21 16:46
S66	3	immunity with cryptanalysis and ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 17:47

## EAST Search History

S67	11	cryptanalysis same ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 17:47
S68	4	cryptanalysis same ("s-box" or "s-boxes" or (substitution with box)) not (cryptanalysis with ("s-box" or "s-boxes" or (substitution with box)))	USPAT	OR	ON	2004/07/21 17:47
S69	7	optimiz\$3 with ("s-box" or "s-boxes" "s function" or (substitution with box))	USPAT	OR	ON	2004/07/21 18:01
S70	13	cryptanaly\$3 with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 18:03
S71	13	cryptanaly\$4 with ("s-box" or "s-boxes" or (substitution with box))	USPAT	OR	ON	2004/07/21 18:03
S72	0	(measur\$3 test\$3 analy\$5) with differential\$linear	US-PGPUB; USPAT	OR	OFF	2005/04/29 17:59
S73	0	(measur\$3 test\$3 analy\$5) with differential\$linear	US-PGPUB; USPAT	OR	ON	2005/04/30 09:34
S74	0	iffential\$linear	US-PGPUB; USPAT	OR	ON	2005/04/29 18:04
S75	3	differential\$linear	US-PGPUB; USPAT	OR	ON	2005/04/29 18:04
S76	2	(measur\$3 test\$3 analy\$5 evaluat\$3) with differential\$linear	US-PGPUB; USPAT	OR	ON	2005/04/30 09:39
S77	1775	(measur\$3 test\$3 analy\$5 evaluat\$3) with differential with linear	US-PGPUB; USPAT	OR	ON	2005/04/30 09:40
S78	71	(measur\$3 test\$3 analy\$5 evaluat\$3) with differential with linear with resistance	US-PGPUB; USPAT	OR	ON	2005/04/30 09:42
S79	53	(measur\$3 test\$3 analy\$5 evaluat\$3) with differential with linear with resistance and (@ad<"19980602" @prad<"19980602" @rlad<"19980602")	US-PGPUB; USPAT	OR	ON	2005/04/30 09:43
S80	1	(generat\$3 form\$5 creat\$3) with (s\$box (substitution with table)) with (algebra\$2 math\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 16:51
S81	8	\ (s\$box (substitution with table)) with (algebra\$2 math\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 16:51

## EAST Search History

S82	8	(s\$box (substitution with table)) with (algebra\$2 math\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 17:07
S83	8	(s\$box (substitution with (box table))) with (algebra\$2 math\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 17:22
S84	8	(s\$box (substitution with table)) with (algebra\$2 math\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 17:22
S85	0	(s\$box (substitution with (box table))) with (algebra\$2 math\$7) not S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 17:54
S86	0	"5796837".pn. and algebra\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 17:54
S87	9	s\$box same algebra\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 18:07
S88	0	generat\$3 with S\$box with math\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 18:07
S89	5	("5796837").URPN.	USPAT	OR	OFF	2006/10/18 10:14
S90	80	seal.xa. and random	US-PGPUB; USPAT	OR	ON	2006/10/18 12:16
S91	33	seal.xa. and random.clm.	US-PGPUB; USPAT	OR	ON	2006/10/18 12:16
S92	9	seal.xa. and pseudo\$random.clm.	US-PGPUB; USPAT	OR	ON	2006/10/18 12:17
S93	101	seal.xa.	US-PGPUB; USPAT	OR	ON	2006/10/18 12:17
S94	48	laforgia.xa. "la forgia".xa.	US-PGPUB; USPAT	OR	ON	2006/10/18 12:17